N,N-DIETHYLNIPEOTAMIDE

Other names:	N,N-Diethylnipecotamide
	Nipecotamide, N,N-diethyl-
	3-(N,N-Diethylcarbamoyl)piperidine
	N,N-Diethylnipeotamide
	N,N-diethylpiperidine-3-carboxamide
Inchi:	InChI=1S/C10H20N2O/c1-3-12(4-2)10(13)9-6-5-7-11-8-9/h9,11H,3-8H2,1-2H3
InchiKey:	ZXQKYQVJDRTTLZ-UHFFFAOYSA-N
Formula:	C10H20N2O
SMILES:	CCN(CC)C(=O)C1CCCNC1
Mol. weight [g/mol]:	184.28

Physical Properties

Property code	Value	Unit	Source
hfus	27.70	kJ/mol	Joback Method
logp	0.854		Crippen Method
mcvol	162.430	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	412.79	J/mol×K	562.61	Joback Method
cpg	431.49	J/mol×K	597.48	Joback Method
cpg	449.14	J/mol×K	632.34	Joback Method
cpg	465.77	J/mol×K	667.21	Joback Method
cpg	481.40	J/mol×K	702.07	Joback Method
cpg	496.07	J/mol×K	736.94	Joback Method
cpg	509.80	J/mol×K	771.81	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C3367951&Units=SI

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume